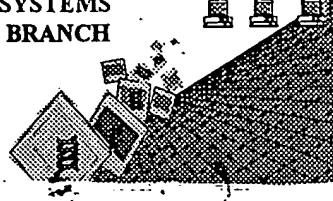


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/919,162A  
Source: O1PE  
Date Processed by STIC: 2/10/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

## Raw Sequence Listing Error Summary

O1PE

ERROR DETECTED      SUGGESTED CORRECTION      SERIAL NUMBER: 091919,162A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1  Wrapped Nucleic  
      Wrapped Aminos  
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2  Invalid Line Length  
The rules require that a line not exceed 72 characters in length. This includes white spaces.

3  Misaligned Amino  
      Numbering  
The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4  Non-ASCII  
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5  Variable Length  
Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6  PatentIn 2.0  
      "bug"  
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7  Skipped Sequences  
      (OLD RULES)  
Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(ii) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8  Skipped Sequences  
      (NEW RULES)  
Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000

9  Use of n's or Xaa's  
      (NEW RULES)  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10  Invalid <213>  
      Response  
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11  Use of <220>  
Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12  PatentIn 2.0  
      "bug"  
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13  Misuse of n  
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



OIPE

**Does Not Comply  
Corrected Actions Needed**

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/919,162A**

DATE: 02/10/2003  
TIME: 14:38:24

TIME: 14:38:24

Input Set : A:\EP.txt  
Output Set: N:\CRF4\02102003\1919162A.raw

1 <110> APPLICANT: Renauld, Jean-Christophe  
2 Dumoutier, Laure  
4 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Encode A Soluble IL-  
TIF/IL-22  
5 Receptor or Binding  
6 Protein Which Binds to IL-TIF/IL-22, And Uses Thereof  
8 <130> FILE REFERENCE: LUD 5684.2  
10 <140> CURRENT APPLICATION NUMBER: US 09/919,162A  
C--> 11 <141> CURRENT FILING DATE: 2001-07-31  
16 <150> PRIOR APPLICATION NUMBER: US 60/245,495  
17 <151> PRIOR FILING DATE: 2000-03-11  
19 <150> PRIOR APPLICATION NUMBER: US60/234,583  
W--> 20 <151> PRIOR FILING DATE: 2000-22-09  
22 <160> NUMBER OF SEQ ID NOS: 11

Wrapped nucleic acid  
misaligned amino numbering  
throughout. See error summary  
sheet items 1 & 3, respectively.

## ERRORED SEQUENCES

59 <210> SEQ ID NO: 5 .  
60 <211> LENGTH: 2271 .  
61 <212> TYPE: DNA .  
62 <213> ORGANISM: Homo sapiens .  
63 <400> SEQUENCE: 5 .  
E--> 65 ctgccttaaa cccgggagtg attgtctgtt tgtggatttt acagtttcct ctttggtcct  
66 60  
E--> 67 gagctggta aaaggaacac tggtgtgcctg aacagtcaca cttgcaacca tcatgcctaa  
68 120  
E--> 69 acattgcttt ctaggcttcc tcatacgttt cttccttact ggtgttagcag gaactcagtc  
70 180  
E--> 71 aacgcatgag tctctgaagc ctcagagggt acaatttcag tccccaaatt ttcacaacat  
72 240  
E--> 73 tttgcaatgg cagcctggga gggcacttac tggcaacagc agtgtctatt ttgtgcagta  
74 300  
E--> 75 caaaaatatat ggacagagac aatggaaaaaa taaagaagac tgttgggta ctcaagaact  
76 360  
E--> 77 ctcttgcac cttaccaggc aaacctcaga catacaggaa ccttattacg ggagggtgag  
78 420  
E--> 79 ggcggccctcg gctgggagct actcagaatg gagcatgacg ccgcgggtca ctccctggtg  
80 480  
E--> 81 ggaaacaaaa atagatccctc cagtcatgaa tataacccaa gtcaatggct ctttggtg  
82 540  
E--> 83 aattctccat gctccaaatt taccatatac atacaaaaag gaaaaaaaaatg tatctataga  
84 600  
E--> 85 agattactat gaactactat accgagttt tataattaac aattcactag aaaaggagca

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003  
TIME: 14:38:24

Input Set : A:\EP.txt  
Output Set: N:\CRF4\02102003\I919162A.raw

86 660  
E--> 87 aaagggttat gaaggggctc acagagcggt taaaattgaa gctctaacac cacactccag  
88 720  
E--> 89 ctactgtgtat gtggctgaaa tatatcagcc catgttagac agaagaagtc agagaagtga  
90 780  
E--> 91 agagagatgt gtggaaattc catgacttgtt ggaatttggc attcagcaat gtggaaattc  
92 840  
E--> 93 taaagctccc tgagaacagg atgactcggt tttgaaggat cttatataaa attgttttg  
94 900  
E--> 95 tattttctta aagcaatatt cactgttaca ccttggggac ttctttgtt atccattctt  
96 960  
E--> 97 ttatccttta tatttcattt gtaaactata tttgaacgac attccccccg aaaaattgaa  
98 1020  
E--> 99 atgtaaagat gaggcagaga ataaagtgtt ctatgaaatt cagaacttta tttctgaatg  
100 1080  
E--> 101 taacatccct aataacaacc ttcattcttc taatacagca aaataaaaaat ttaacaacca  
102 1140  
E--> 103 aggaatagta tttaagaaaa tggtaaata attttttaa aatagcatta cagactgagg  
104 1200  
E--> 105 cggtcctgaa gcaatggttt ttcactctct tattgagcca attaaattga cattgctttg  
106 1260  
E--> 107 acaattttaa acttctataa aggtgaatat tttcataca tttctatattt atatgaatat  
108 1320  
E--> 109 actttttata tatttattat tattaaatat ttctacttaa tgaatcaaaa tttgtttta  
110 1380  
E--> 111 aagtctactt tatgtaaata agaacagggtt ttggggaaaa aatcttatg atttctggat  
112 1440  
E--> 113 tgatatctga attaaaacta tcaacaacaa ggaagtctgc tctgtacaat tgcctctcat  
114 1500  
E--> 117 ttaaaagata tattaagctt ttctttctg tttgttttg tttgttttag ttttaatcc  
118 1560  
E--> 119 tgtcttagaa gaacttatct ttattctcaa aataaaatgt aatttttta gtgacaaaga  
120 1620  
E--> 121 agaaaaggaaaa cctcattact caatcctctt gccaagagt gtcttgcttg tggcccttc  
122 1680  
E--> 123 ctcatctcta tataggagga tcccatgaat gatggtttat tgggaactgc tgggtcgac  
124 1740  
E--> 125 cccatacaga gaactcagct tgaagctgga agcacacagt gggtagcagg agaaggaccc  
126 1800  
E--> 127 gtgttggtag gtgcctacag agactataga gctagacaaa gcccctccaaa ctggcccttc  
128 1860  
E--> 129 ctgctcactg cctctcctga gtagaaatct ggtgacctaa ggctcagtgt ggtcaacaga  
130 1920  
E--> 131 aagctgcctt ctcaacttga ggctaagtct tcataatatgt ttaaggtgt ctgttctatgt  
132 1980  
E--> 133 aggagataca tatcagagaa catttgtaca attccccatg aaaattgctc caaagttgat  
134 2040  
E--> 135 aacaatatacg tcggtgcttc tagttatatg caagtactca gtgataaatg gattaaaaaa  
136 2100

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003

TIME: 14:38:24

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I919162A.raw

E--> 137 tattcagaaa tgtattgggg ggtggaggag aataagaggc agagcaagag ctagagaatt  
 138 2160  
 E--> 139 gggttccttg cttccctgtta tgctcagaaa acattgattt gagcatagac gcagagactg  
 140 2220  
 E--> 141 aaaaaaaaaat ttactttgat ctctgtttt gaattcttat tatttatattt  
 142 2271  
 144 <210> SEQ ID NO: 6  
 145 <211> LENGTH: 231  
 146 <212> TYPE: PRT  
 147 <213> ORGANISM: Homo sapiens  
 149 <400> SEQUENCE: 6  
 150 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu  
 E--> 151 5 10  
 E--> 152 15  
 153 Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln  
 E--> 154 20 25 30  
 155 Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln  
 E--> 156 35 40 45  
 157 Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr  
 E--> 158 50 55 60  
 159 Lys Ile Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly  
 E--> 160 65 70 75  
 E--> 161 80  
 162 Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln  
 E--> 163 85 90  
 E--> 164 95  
 165 Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser  
 E--> 166 100 105 110  
 167 Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile  
 E--> 168 115 120 125  
 169 Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val  
 E--> 170 130 135 140  
 171 Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn  
 E--> 172 145 150 155  
 E--> 173 160  
 174 Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile  
 E--> 175 165 170  
 E--> 176 175  
 180 Asn Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg  
 E--> 181 180 185  
 E--> 182 190  
 183 Ala Val Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val  
 E--> 184 195 200 205  
 185 Ala Glu Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu  
 E--> 186 210 215 220  
 187 Glu Arg Cys Val Glu Ile Pro  
 E--> 188 225 230  
 217 <210> SEQ ID NO: 10  
 218 <211> LENGTH: 2366

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003  
TIME: 14:38:24

Input Set : A:\EP.txt  
Output Set: N:\CRF4\02102003\I919162A.raw

219 <212> TYPE: DNA  
220 <213> ORGANISM: Homo sapiens  
224 <400> SEQUENCE: 10  
E--> 225 ctgccttaaa cccgggagtg attgtctgtt tgtggatttt acagttcct cttggcct  
226 60  
E--> 227 gagctggta aaagaacac tggttgcctg aacagtcaca cttgcaacca ttaggcctaa  
228 120  
E--> 229 acattgctt ctaggcttcc tcattcagttt cttccttact ggtgttagcag gaactcagtc  
230 180  
E--> 231 aacgcatgag tctctgaagc ctcagagggt acaatttcag tcccgaaatt ttcacaacat  
232 240  
E--> 233 tttgcaatgg cagctggga gggcacttac tggcaacagc agtgcattt ttgtgcagta  
234 300  
E--> 235 caaaatcatg ttctcatgca gcatgaaaag ctctcaccag agccaagtgg atgcttggca  
236 360  
E--> 237 gcacatttct tgtaacttcc caggctgcag aacattggct aaatatggac agagacaatg  
238 420  
E--> 239 gaaaaataaa gaagactgtt ggggtactca agaactctct tggacccctta ccagtgaaac  
240 480  
E--> 241 ctcagacata caggaacattt attacgggag ggtgagggcg gcctcggctg ggagctactc  
242 540  
E--> 243 agaatggagc atgacgcccgc gtttactcc ctggggaa aaaaaatag atcctccagt  
244 600  
E--> 245 catgaatata acccaagtca atggctctt gttggtaatt ctccatgctc caaatttacc  
246 660  
E--> 247 atatagatac caaaaggaaa aaaatgtatc tatagaagat tactatgaac tactataccg  
248 720  
E--> 249 agttttata attaacaatt cactagaaaa ggagcaaaag gtttatgaag gggctcacag  
250 780  
E--> 251 agcggttcaa attgaagctc taacaccaca ctccagctac tggtagtgg ctgaaatata  
252 840  
E--> 253 tcagccccatg ttagacagaa gaagtcagag aagtgaagag agatgtgtgg aaattccatg  
254 900  
E--> 255 acttggaa tttggcattc agcaatgtgg aaattctaaa gtcctcgag aacaggatga  
256 960  
E--> 257 ctcgtgttg aaggatctt tttaaaattt tttttgtatt ttcttaaagc aatattcact  
258 1020  
E--> 259 gttacacccctt gggacttct ttgttatcc attttttat ctttatatt tcatttgtaa  
260 1080  
E--> 261 actatatttg aacgacattc cccccggaaa attgaaatgt aaagatgagg cagagaataa  
262 1140  
E--> 263 agtgttctat gaaattcaga actttatttc tgaatgtac atccctaata acaaccttca  
264 1200  
E--> 265 ttcttctaat acagcaaaat aaaaatttaa caaccaagga atagtattt aaaaaatgtt  
266 1260  
E--> 267 gaaataattt tttaaaata gcattacaga ctgaggcggt cctgaagcaa tggttttca  
268 1320  
E--> 269 ctcttattt gagccaatta aattgacatt gcttgacaa tttaaaactt ctataaagg  
270 1380

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003

TIME: 14:38:24

Input Set : A:\EP.txt  
 Output Set: N:\CRF4\02102003\I919162A.raw

E--> 271 gaatatttt catacatttc tattttatat gaatatactt tttatatatt tattatttt  
 272 1440  
 E--> 273 aaatatttct acttaatgaa tcaaaattt gttttaagt ctactttatg taaataagaa  
 274 1500  
 E--> 275 caggtttgg ggaaaaaaat cttatgattt ctggattgtat atctgaatta aaactatcaa  
 276 1560  
 E--> 277 caacaaggaa gtctgctctg tacaattgtc ctcattaa aagatatatt aagctttct  
 278 1620  
 E--> 279 tttctgttg tttttgtttt gtttagttt taatcctgtc ttagaagaac ttatctttat  
 280 1680  
 E--> 281 tctcaaaatt aaatgttaatt ttttagtga caaagaagaa aggaaacctc attactcaat  
 282 1740  
 E--> 283 cttctggcc aagagtgtct tgcttggc gccttcctca tctctatata ggaggatccc  
 284 1800  
 E--> 285 atgaatgtat gtttattggg aactgctggg gtcgacccca tacagagaac tcagcttgaa  
 286 1860  
 E--> 287 gctggaagca cacagtgggt agcaggagaa ggacgggtgt tggtaggtgc ctacagagac  
 288 1920  
 E--> 289 tatagagcta gacaaagccc tccaaactgg cccttcctgc tcactgcctc tcctgagtag  
 290 1980  
 E--> 291 aaatctggtg acctaaggct cagtgtggtc aacagaaagc tgccttccttc acttgaggct  
 292 2040  
 E--> 293 aagtcttcat atatgtttaa gttgttctt ctatgtgatgaa gatacatatc agagaacatt  
 294 2100  
 E--> 295 tgtacaattc cccatgaaaa ttgctccaaa gttgataaca atatgtcgg tgcttcttagt  
 296 2160  
 E--> 297 tatatgcaag tactcagtga taaatggatt aaaaaatatt cagaaatgtt ttggggggtg  
 298 2220  
 E--> 299 gaggagaata agaggcagag caagagctag agaattggtt tccttgcttc cctgtatgct  
 300 2280  
 E--> 301 cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaattttac tttgatctct  
 302 2340  
 E--> 303 gttttgaat tcttattttat tatattt  
 E--> 304 2366  
 307 <210> SEQ ID NO: 11  
 E--> 308 <212> TYPE: 263  
 W--> 309 <212> TYPE: PRT  
 310 <213> ORGANISM: Homo sapiens  
 E--> 312 <211> LENGTH:  
 312 <400> SEQUENCE: 11  
 314 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Leu  
 315 5 10  
 316 15  
 317 Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln  
 318 20 25  
 319 Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln  
 320 35 40  
 321 Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr  
 322 50 55  
 30  
 45  
 60

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003  
TIME: 14:38:24

Input Set : A:\EP.txt  
Output Set: N:\CRF4\02102003\I919162A.raw

323	Lys Ile Met Phe Ser Cys Ser Met Lys Ser Ser His Gln Ser Gln Val		
324	65	70	75
325	80		
326	Asp Ala Trp Gln His Ile Ser Cys Asn Phe Pro Gly Cys Arg Thr Leu		
327		85	90
328	95		
329	Ala Lys Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly		
330		100	105
331	110		
332	Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln		
333		115	120
334	Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser		
335		130	135
336	Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile		
337		145	150
338	160		
339	Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val		
340		165	170
341	175		
342	Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn		
343		180	185
344	Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile Asn		
345		195	200
346	Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg Ala Val		
347		210	220
348	225		
349	Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val Ala Glu		
350		230	235
351	Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu Glu Arg		
352		245	250
353	Cys Val Glu Ile Pro		
354		260	

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/919,162A

DATE: 02/10/2003  
TIME: 14:38:25

Input Set : A:\EP.txt  
Output Set: N:\CRF4\02102003\I919162A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 151,154,156,158,160,163,166,168,170,172,175,186  
Seq#:11; Line(s) 315,318,320,324,327,335,337,340,343,345,347,352

**VERIFICATION SUMMARY**PATENT APPLICATION: **US/09/919,162A**

DATE: 02/10/2003

TIME: 14:38:25

Input Set : **A:\EP.txt**Output Set: **N:\CRF4\02102003\I919162A.raw**

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:65 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:5  
M:254 Repeated in SeqNo=5  
L:151 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6  
M:332 Repeated in SeqNo=6  
L:225 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:10  
M:254 Repeated in SeqNo=10  
L:304 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2366 Found:2367 SEQ:10  
L:308 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:  
L:309 M:280 W: Numeric Identifier already exists, Type not replaced.  
L:312 M:282 E: Numeric Field Identifier Missing, <211> is required.